

# WEST Search History for Application 10539712

Creation Date: 2009081707:19

## Prior Art Searches

| Query  | DB               | Op. | Plur. | Thes. | Date       |
|--|------------------|-----|-------|-------|------------|
| (521/56, 57, 58, 60, 82, 92, 98;252/604, 605, 606, 609;523/179).ccls.  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| (524/406, 431, 469, 464).ccls.   | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| ((524/406, 431, 469, 464).ccls. ) or ((521/56, 57, 58, 60, 82, 92, 98;252/604, 605, 606, 609;523/179).ccls. )  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| expanded polystyrene   | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| EPS  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| polystyrene  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| (expandable or exfoliable) graphite  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| (polystyrene ) with (beads or granule or particulate)  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| (expandable or exfoliable) with (polystyrene with (beads or granule or particulate) )  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) same ((expandable or exfoliable) graphite )  | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) same (expandable or exfoliable) graphite ) and ((524/406, 431, 469, 464).ccls. or (521/56, 57, 58, 60, 82, 92, 98;252/604, 605, 606, | PGPB, USPT, USOC | ADJ | YES   |       | 08-17-2009 |

|  |                        |     |     |  |            |
|--|------------------------|-----|-----|--|------------|
| 609;523/179).ccls. )   |                        |     |     |  |            |
| styrene near2 (\$acrylic or \$acrylate)  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) ) near4 (polymer or copolymer or resin) | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| styrene (polymer or homopolymer)   | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| polystyrene  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinyidene vinyl chloride near2 (polymer or copolymer or resin)                   | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinyidenevinyl chloride near2 (polymer or copolymer or resin)                    | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinyidenevinylchloride near2 (polymer or copolymer or resin)                     | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinylidenevinylchloride near2 (polymer or copolymer or resin)                    | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinylidenevinyl chloride near2 (polymer or copolymer or resin)                   | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| vinylidene vinyl chloride near2 (polymer or copolymer or resin)                  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| methylphenyl siloxane  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| methylphenylsiloxane   | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| methyl phenylsiloxane  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| methyl phenyl siloxane   |                        | ADJ | YES |  | 08-17-2009 |

|  |                        |     |     |            |
|--|------------------------|-----|-----|------------|
|  | PGPB,<br>USPT,<br>USOC |     |     |            |
| (styrene near2 (\$acrylic or \$acrylate) ) or (styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) ) or (styrene (polymer or homopolymer) ) or (polystyrene ) or (vinylidene vinyl chloride near2 (polymer or copolymer or resin) ) or (vinylidenevinyl chloride near2 (polymer or copolymer or resin) ) or (vinylidene vinyl chloride near2 (polymer or copolymer or resin) ) or (methylphenyl siloxane ) or (methylphenylsiloxane ) or (methyl phenylsiloxane ) or (methyl phenyl siloxane )   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane ) same (emulsion or suspension or dispersion or microemulsion)  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) ) and ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| ((expandable or exfoliable) graphite ) and ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) and (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or                              | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |

|  |                        |     |     |            |
|--|------------------------|-----|-----|------------|
| dispersion or microemulsion) )   |                        |     |     |            |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) ) not ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite )   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) and ((524/406, 431, 469, 464).ccls. or (521/56, 57, 58, 60, 82, 92, 98;252/604, 605, 606, 609;523/179).ccls. ) | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| (tungsten or tungstic) (oxide or trioxide)   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| tungstic acid anhydride  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| tungstic anhydride   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| wolframic acid anhydrous   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| wolframic acid, anhydrous  |                        | ADJ | YES | 08-17-2009 |

|   |                        |     |     |            |
|---|------------------------|-----|-----|------------|
|   | PGPB,<br>USPT,<br>USOC |     |     |            |
| <b>WO?sub.3</b>   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>((tungsten or tungstic) (oxide or trioxide) ) or (tungstic acid anhydride ) or (tungstic anhydride ) or (WO?sub.3 )</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>(chromic or chromium) (oxide or sequioxide)</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>chromia</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>Cr?sub.2O?sub.3</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>(molybdenum) (oxide or dioxide)</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>(molybdenum) (trioxide)</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>MoO?sub.2</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>MoO?sub.3</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>((chromic or chromium) (oxide or sequioxide) ) or (chromia ) or (Cr?sub.2O?sub.3 ) or ((molybdenum) (oxide or dioxide) ) or ((molybdenum) (trioxide) ) or (MoO?sub.2 ) or (MoO?sub.3 )</b> | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>hexabromocyclododecane</b>   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>hexabromo cyclododecane</b>  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| <b>hexa bromo cyclododecane</b>   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |

|   |                        |     |     |            |            |
|---|------------------------|-----|-----|------------|------------|
|   | USOC                   |     |     |            |            |
| hexa bromo cyclo dodecane   | PGPB,<br>USPT,<br>USOC | ADJ | YES |            | 08-17-2009 |
| hexa bromocyclododecane   | PGPB,<br>USPT,<br>USOC | ADJ | YES |            | 08-17-2009 |
| (hexabromocyclododecane ) or (hexabromo cyclododecane ) or (hexa bromo cyclododecane ) or (hexa bromo cyclo dodecane ) or (hexa bromocyclododecane )  | PGPB,<br>USPT,<br>USOC | ADJ | YES |            | 08-17-2009 |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) and ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )   | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |            |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) and ((chromic or chromium) (oxide or sequioxide) or chromia or Cr?sub.2O?sub.3 or (molybdenum) (oxide or dioxide) or (molybdenum) (trioxide) or MoO?sub.2 or MoO?sub.3 ) | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |            |

|   |                  |     |     |            |
|---|------------------|-----|-----|------------|
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyiidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) and (hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane )   | PGPB, USPT, USOC | ADJ | YES | 08-17-2009 |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyiidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite and hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane ) and ((chromic or chromium) (oxide or sequioxide) or chromia or Cr?sub.2O?sub.3 or (molybdenum) (oxide or dioxide) or (molybdenum) (trioxide) or MoO?sub.2 or MoO?sub.3 ) | PGPB, USPT, USOC | ADJ | YES | 08-17-2009 |
| ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyiidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or   | PGPB, USPT, USOC | ADJ | YES | 08-17-2009 |

|  |                        |     |     |  |            |
|--|------------------------|-----|-----|--|------------|
| <p>methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite and (chromic or chromium) (oxide or sequioxide) or chromia or Cr<sub>2</sub>O<sub>3</sub> or (molybdenum) (oxide or dioxide) or (molybdenum) (trioxide) or MoO<sub>2</sub> or MoO<sub>3</sub> ) or ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyliidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite and hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane )</p> |                        |     |     |  |            |
| <p>((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyliidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite ) not ((expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyliidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or</p>  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |

|   |                        |     |     |  |            |
|---|------------------------|-----|-----|--|------------|
| <p>copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite and (chromic or chromium) (oxide or sequioxide) or chromia or Cr<sub>2</sub>O<sub>3</sub> or (molybdenum) (oxide or dioxide) or (molybdenum) (trioxide) or MoO<sub>2</sub> or MoO<sub>3</sub> or (expandable or exfoliable) graphite and (expandable or exfoliable) with polystyrene with (beads or granule or particulate) and styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyldene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) not (expandable or exfoliable) with polystyrene with (beads or granule or particulate) same (expandable or exfoliable) graphite and hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane )</p> |                        |     |     |  |            |
| <p>((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) same (hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane )</p>  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| <p>((expandable or exfoliable) with polystyrene with (beads or granule or particulate) same hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane ) and ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO<sub>3</sub> )</p>  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| <p>((expandable or exfoliable) with polystyrene with (beads or granule or particulate) same hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane ) and ((chromic or chromium) (oxide or sequioxide) or chromia or Cr<sub>2</sub>O<sub>3</sub> or (molybdenum) (oxide or dioxide) or (molybdenum) (trioxide) or MoO<sub>2</sub> or MoO<sub>3</sub>)</p>   | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
|   |                        | ADJ | YES |  | 08-17-2009 |

|  |                  |     |     |  |            |
|--|------------------|-----|-----|--|------------|
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) and (hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromocyclododecane ) and ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )   | PGPB, USPT, USOC |     |     |  |            |
| polystyrene near foam\$  | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| (polystyrene near foam\$ ) same ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )   | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| (polystyrene near foam\$ ) and ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )  | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| (polystyrene near foam\$ and (tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 ) and (hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromocyclododecane or hexa bromocyclododecane )  | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) same ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )  | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) and ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 )   | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) and (tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 ) not ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) and hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromocyclododecane and (tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO?sub.3 ) | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinyldene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2   | PGPB, USPT, USOC | ADJ | YES |  | 08-17-2009 |

|  |                        |     |     |            |
|--|------------------------|-----|-----|------------|
| (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) ) same (hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane )  |                        |     |     |            |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) same hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane ) and ( ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) ) or (polystyrene near foam\$ ) )                                     | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) same hexabromocyclododecane or hexabromo cyclododecane or hexa bromo cyclododecane or hexa bromo cyclo dodecane or hexa bromocyclododecane and ((expandable or exfoliable) with polystyrene with (beads or granule or particulate) or polystyrene near foam\$ ) ) and ((expandable or exfoliable) graphite ) | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same  | PGPB,<br>USPT,<br>USOC | ADJ | YES | 08-17-2009 |

|  |                        |     |     |  |            |
|--|------------------------|-----|-----|--|------------|
| (emulsion or suspension or dispersion or microemulsion)<br>) same ((tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO <sup>2</sup> sub.3 )  |                        |     |     |  |            |
| (styrene near2 (\$acrylic or \$acrylate) or styrene near2 (\$acrylic or \$acrylate) near4 (polymer or copolymer or resin) or styrene (polymer or homopolymer) or polystyrene or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or vinylidenevinyl chloride near2 (polymer or copolymer or resin) or vinylidene vinyl chloride near2 (polymer or copolymer or resin) or methylphenyl siloxane or methylphenylsiloxane or methyl phenylsiloxane or methyl phenyl siloxane same (emulsion or suspension or dispersion or microemulsion) same (tungsten or tungstic) (oxide or trioxide) or tungstic acid anhydride or tungstic anhydride or WO <sup>2</sup> sub.3 ) and ((expandable or exfoliable) graphite ) | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |
| aslin-david-charles.in.  | PGPB,<br>USPT,<br>USOC | ADJ | YES |  | 08-17-2009 |